Ansoft Designer Tutorial

1. Open Ansoft Designer

2. Click Project/Insert Circuit Design

3. Click ‘None’
4. Click Schematic/Layout Stackup

5. Click “Add Layer”
6. Name: Ground  
   Type: MetalizedSignal

   ![Add Stackup Layer dialog box]

   ![Edit Layers - Circuit 1 dialog box]

7. Repeat steps 5-6, for:
   Name: Dielectric
   Type: Dielectric
   Name: Trace
   Type: Signal

8. Change the material for the Dielectric layer
   a. Click on “Rogers R…”
b. Select “Add Material…”

c. Enter values for Dielectric Layer
d. Click ‘Ok’ twice

9. Check materials for the Trace and ground layers. (Copper unless otherwise specified) If it is different, repeat Step 8 for each material.

10. Change the Thickness of the Dielectric and Trace layers to the specified values. (0.675mil and 31mil are standard for the Rogers Duriod 5870)

11. Select ‘Ok’